

FY 2014

**National Capital Region
Transportation Planning Board (TPB)**

**Work Program Progress Report
FEBRUARY 2014**

PROGRAM HIGHLIGHTS

1. PLAN SUPPORT

A. Unified Planning Work Program (UPWP)

The draft document for the FY2015 UPWP was presented to the Technical Committee on February 7 and the TPB on February 19. The final draft FY 2015 UPWP and the carry over budgets and projects from FY 2014 will be prepared for presentation to the Technical Committee in March and the TPB is scheduled to adopt them at its March 19 meeting.

Work continued monitoring the activities under the FY 2014 UPWP, which began on July 1, 2013.

B. Transportation Improvement Program (TIP)

At its meeting on February 7, the TPB Steering Committee approved an amendment to the FY 2013-2018 TIP requested by the Maryland Department of Transportation to include funding for the relocation of utilities at the I-95 interchange at Contee Road and for the resurfacing of US 50/I-595.

C. Constrained Long-Range Plan (CLRP)

Staff continued to work with Technical Committee members and agency staff to develop the project submissions for the Air Quality Conformity Analysis of the 2014 CLRP and FY 2015-2020 TIP. At their meeting on February 19, the TPB was presented with a memorandum summarizing the major new projects and changes to existing projects that were expected to be released for public comment the following month.

D. Financial Plan

On February 21, WMATA, DDOT, MDOT and VDOT staffs met to review their agency's progress in updating the financial analysis for the 2014 CLRP. The WMATA draft capital and operating subsidy forecasts and the costs for the Metro 2025 expansion program were reviewed in detail. Staff from each agency reviewed how their revenue forecasts could fund the WMATA requests for state-of-good repair funding for the system and which are needed to remove the transit ridership constraint assumed in the 2010 analysis. The meeting reviewed the details in the WMATA forecasts and identified the specific funding commitments to WMATA Metro 2025 projects that would remove the transit ridership capacity constraint in the air quality conformity analysis. Staff from each agency indicated that it appeared that full funding for 100 percent 8-car trains on the system and core station capacity improvements could not be

identified at this time and that the transit ridership capacity constraint would need to continue.

E. Public Participation

Staff planned for the next session of the TPB's Community Leadership Institute, which was scheduled for March 13 and 19. Recruitment for this session focused on the staff of elected officials. This session was originally scheduled to take place last November.

The February CAC meeting was cancelled because of snow. Although the 2014 CAC did not meet in February, last year's committee did finalize its 2013 year-end report, which was presented to the TPB on February 19.

Access for All Advisory Committee (AFA)

The AFA did not meet in the month of February. Staff spent a small amount of time documenting the January meeting and beginning to plan for the next quarterly meeting of the committee in May 2014. "

F. Private Enterprise Participation

No work activity during the reporting period.

G. TPB Annual Report and TPB News

The February *TPB News* was produced and distributed.

Four editions (every Tuesday) of *The TPB Weekly Report* were produced and emailed during the reporting period.

H. Transportation / Land Use Connection Program (TLC)

All of the FY2014 TLC projects had been initiated by the end of January. Staff attended meetings around the region on the projects and monitored their progress. The projects will be completed by the end of the fiscal year.

For Transportation Alternatives Program (TAP) projects in Virginia, staff continued to review applications received in November for the FY2015 solicitation. For Maryland, staff worked with MDOT to set the schedule for the reissuance of the TAP solicitation for FY2014 to expend remaining funds.

I. DTP Management

Staff support was provided for the meetings of the TPB, the TPB Steering Committee and the TPB Technical Committee.

2. COORDINATION PLANNING

A. Congestion Management Process (CMP)

Staff continued development of and technical analysis for the 2014 CMP Technical Report:

- Completed downloading the third and fourth quarters of 2013 Vehicle Probe Project (VPP) data from the I-95 Traffic Monitoring website.
- Utilized the VPP Suite developed by the University of Maryland for the 2014 CMP technical analysis.
- The Council of Governments Executive Director signed the license agreement for accessing the National Performance Management Research Data Set (NPMRDS).
- Presented an update on the progress on the report to the MOITS Subcommittee.

Staff started development of a National Capital Region Congestion Report for the fourth quarter 2013:

- Utilized the VPP Suite to draw performance measures such as Travel Time Index, Planning Time Index, Top 10 Bottlenecks, and visualization (maps) of peak hour congestion.
- Developed a draft Congestion Report and started the internal review and improvement process.

On February 4, staff monitored the I-95 Corridor Coalition Travel Information Services Program Track Committee (TISPTC) webcast to review the overall mission and goals of the coalition, the status of current projects, the new work plan process, and discuss potential projects.

On February 12, staff participated in the second quarterly webinar on the National Performance Management Research Data Set (NPMRDS). On February 18, staff monitored a TRB SHRP 2 webinar regarding Analytic Procedures for Determining the Impacts of Reliability Mitigation Strategies. On February 28, staff joined the ITS Maryland lunchtime learning session at the University of Maryland.

B. Management, Operations, and Intelligent Transportation Systems (MOITS) Planning

Staff prepared for and conducted the regular meeting of the MOITS Technical Subcommittee held as a conference call on February 11, 2014.

The Subcommittee and staff reviewed the status of MOITS-related work activities, including the Congestion Management Process, Intelligent Transportation Systems (ITS) Architecture, and traveler information services. Staff prepared for the next meeting of the MOITS Traffic Signals Subcommittee to be held in March.

Staff prepared for and conducted a meeting of the MOITS Traffic Signals Subcommittee, held in conjunction with a VDOT Northern Virginia Traffic Signals Managers meeting, in Fairfax on February 4. Staff reviewed with the Subcommittee and finalized information for subsequent meetings and presentations:

- Staff provided a briefing on traffic signal power back-up systems to the COG Emergency Preparedness Council at its meeting of February 12.
- The MOITS Traffic Signals Subcommittee Chair and staff provided a briefing on traffic signal timing to the TPB at its meeting of February 19, providing for TPB review, questions and answers, and discussions on this topic.
- Staff provided technical input on traffic signal power back-up systems for discussions at the Regional Emergency Support Function (RESF)-1 Emergency Transportation Committee meeting of February 20.

Staff continued revising the text of the Regional ITS Architecture toward a future revised version of the architecture.

Staff continued coordinating MOITS activities with the RESF-1 – Emergency Transportation Committee (see also Item 2.C), and the Metropolitan Area Transportation Operations Coordination (MATOC) Program (see also Item 2.I.).

C. Transportation Emergency Preparedness Planning

Staff assisted in the evaluation and vendor selection for the RFP for a regional emergency transportation tabletop exercise planned for May 2014. The contract should be issued in early March.

Staff guided the Regional Emergency Support Function (RESF)-1 Committee through the procedures for the Urban Area Security Initiative (UASI) grant program and assisted committee members in evaluating projects, representing RESF-1 proposals to other organizations and revising proposals to be more efficient and effective.

Staff alerted the RESF-1 Committee of the procedures for the upcoming Exercise and Training Oversight Panel (ETOP) sub-grant program, and assisted committee members in proposal identification and development.

Staff reviewed the National Capital Region (NCR) homeland security voice and data communication strategic plans and arranged for representatives of the

three state departments of transportation to provide feedback and concerns at a Stakeholder review session on February 28.

Staff led preparations for the RESF-1/Emergency Transportation Committee February 20 meeting by exploring potential agenda items with the co-chairs of the committee, and supported conduct of the meeting.

D. Transportation Safety Planning

Staff attended a Maryland Highway Safety Summit on February 24-25. The purpose of the summit was to gather best practices to serve as the foundation for the 2016-2020 Maryland Strategic Highway Safety Plan. Staff attended sessions on pedestrian safety, distracted driving, and infrastructure.

Staff prepared an agenda and materials, and contacted guest speakers, for the March 10th meeting of the Transportation Safety Subcommittee.

Staff continued compilation and analysis of regional transportation safety data.

E. Bicycle and Pedestrian Planning

Staff prepared TPB resolution R10-2014, a Green Streets Policy for the National Capital Region. Staff presented the Green Streets policy to the TPB at its February 19th meeting. TPB adopted the resolution unanimously. TPB staff also briefed the Bicycle and Pedestrian Subcommittee on the final version of the Green Streets policy at its February 5th meeting.

Staff prepared for and conducted the regular meeting of the Bicycle and Pedestrian Subcommittee on February 5th. Topics of presentation and discussion included:

- The history and purpose of the regional Bicycle and Pedestrian Plan, status of the bicycle and pedestrian project database update, and the schedule for the plan update. The Subcommittee concurred with the proposed update schedule.
- The recently adopted Regional Transportation Priorities Plan, and steps towards implementation.
- The Subcommittee on the 2013 Central Employment Core Cordon Count of Vehicular and Passenger Volumes.

In response to an inquiry from TPB at its January meeting, the Subcommittee discussed the issue of regional-scale bicycle routings.

The Subcommittee agreed that the sponsored professional development seminars for 2014 would be a Green Streets Implementation workshop, and a workshop on recently released NACTO urban streets design guide.

Staff worked with regional bicycle and pedestrian staff to update the regional bicycle and pedestrian database.

F. Regional Bus Planning

The Regional Bus Subcommittee met in February and received an update from TPB staff on the Commuter Bus Staging Area Study and a presentation from WMATA on the Priority Corridor Network (PCN). TPB staff then facilitated a roundtable discussion on ITS and Real-Time Transit Info. Members were also provided an update on MAP-21 Rulemaking and on highlights from the VDOT MPO meeting of February 5.

TPB staff finalized language for the 2014 revision of the Moving Forward Bus Brochure and developed graphics and charts for delivery to the printer. Staff completed inputs for the 2015 UPWP regional bus planning activity, focusing on proposed MAP-21 performance measurement requirements. TPB staff also supported COG by providing talking points on WMATA funding and a written resolution for federal transportation funding for the COG Board meeting. Staff also held several discussions with WMATA on transit funding and long-range bus planning and participated in the monthly WMATA JCC meeting.

G. Human Service Transportation Coordination

The Human Service Transportation Coordination Task Force met on February 20th. Activities included review of drafts of Unmet Needs and Strategies sections of the coordinated plan and small group discussions to identify priority projects for the FY2014 5310 Enhanced Mobility Program. Meetings are scheduled for the next several months towards the goal of an updated Coordinated Plan and approval and release of the solicitation by June/July 2014.

H. Freight Planning

Staff began preparations for the next meeting of the Freight Subcommittee, anticipated to be held in April 2014.

I. Metropolitan Area Transportation Operations Coordination Program Planning (MATOC)

The Metropolitan Area Transportation Operations Coordination (MATOC) Program is an operational partnership of the region's major transportation agencies, funded outside the UPWP, but with planning support provided by TPB staff.

In the February 2014 period, staff prepared for, hosted, and participated in the February 10 meeting of the MATOC Severe Weather Working Group, and the February 27 meeting of the MATOC Transit Task Force. Staff also followed up on action items identified at previous meetings, and began preparations for March committee meetings. Activities were in coordination with the MATOC staff from the University of Maryland Center for Advanced Transportation Technology.

3. FORCASTING APPLICATIONS

A. Air Quality Conformity

2014 CLRP & FY2015-20 TIP

Staff has been reviewing project inputs and coordinated with implementation agencies with respect to project changes since last year and presented the conformity schedule to MWAQC TAC and MWAQC. In addition, it prepared the Scope of Work and a revised schedule – due to on-going discussions associated with the CLRP Financial Plan – for the March meetings of the TPB Technical Committee, TPB, and MWAQC. Staff began development of the 2013 transit network and documentation on the development of both the highway and transit networks that will be the basis for the networks of the milestone years of the conformity analyses. Staff responded to data requests from Loudoun County and VDOT staff forwarded to the consultation agencies and public advisory committees the meeting agenda of the monthly TPB meeting and supporting material pertaining to air quality conformity.

B. Mobile Emissions Analysis

At the request of the Climate, Energy and Environment Policy Committee of MWCOG (CEEPC), CO₂ emissions inventories from the on-road mobile sector for year 2012 were developed – by executing MOVES model runs. These inventories were for jurisdictions in the Washington non-attainment area.

Staff continued compilation of TERMS projects for inclusion in the 2014 CLRP & FY2015-20 TIP air quality conformity determination analyses. Staff continued work towards refining the methods of forecasting regional vehicle population to the milestone years of the air quality conformity analyses; historical data dating back to 1992 and various forecasting methods were evaluated using statistical methods of analysis.

Staff developed presentation material for the 2014 Transportation Planning, Land Use and Air Quality Workshop of the Transportation Planning Board (TPB) scheduled for March in Charlotte, NC reflecting findings of in-house research related to: (1) the impacts of vehicle starts on overall emissions from the on road mobile sector; and (2) achieving output parity between the Inventory and Rate Approaches of MOVES2010 in order to be used interchangeably in technical applications.

C. Regional Studies

Staff made presentations on the Regional Transportation Priorities Plan (RTPP) to various groups in February, including the COG Board of Directors and the COG Chief Executive Officers.

Staff began to develop a scope for conducting a comparative assessment of the RTPP and the Constrained Long-Range Plan. This assessment was requested by the TPB at its meeting on February 19. Staff also conducted internal discussions to identify ways in which outreach on the RTPP might be coordinated with the Place + Opportunity report, which was developed by the COG's Department of Community Planning and Services.

The RTPP document was finalized and printed in February.

D. Coordination Cooperative Forecasting & Transportation Planning

Staff completed the review of updated Round 8.3 jurisdictional forecasts submitted by COG member jurisdictions.

Staff completed the development of a look-up table to convert newly defined BMC Transportation Analysis Zones (TAZs) to equivalent 3722 TPB TAZs and converted the latest BMC forecasts for Anne Arundel, Carroll and Howard Counties to these equivalent 3722 TPB TAZs.

Staff completed its review of the new employment forecasting methodology now being used by the Baltimore Metropolitan Council (BMC) for jurisdictions in the metropolitan Baltimore region. Based on this review, staff began work on developing a new employment definition factor for BMC employment data to make these data consistent with the employment data definition used by COG member jurisdictions in preparing Cooperative Forecasting base year employment estimates and future year employment forecasts.

Staff continued to review and analyze updated metropolitan economic forecast data from Woods & Poole, IHS Global Insight and Regional Economic Models, Inc (REMI) for the TPB modeled area.

Staff continued the tabulation and analysis of data on new commercial construction in the metropolitan Washington region for the Commercial Construction Indicators report.

4. DEVELOPMENT OF NETWORK / MODELS

A. Network Development

The draft report describing the 2013 CLRP and 2013-18 TIP transportation networks was released for review and comment to the Travel Forecasting Subcommittee on February 14. The report comprehensively describes the

network inputs to the Version 2.3.52 travel model that were used during the most recent air quality conformity study. The report will be likely finalized in March.

Staff completed the update of the base year (2013) transit network which will serve as the foundation for forecast year transit networks in the upcoming air quality analysis of the 2014 CLRP. Documentation of this work is underway.

Work on the network conversion from TRNBUILD-based transit networks to Public Transport (PT)-based transit networks continued in February. The effort is being guided by a consultant (AECOM) who is assisting TPB staff with the conversion, along with other travel modeling improvements.

Network development staff worked collaboratively with the TPB's GIS unit to formulate an RFP to secure consultant-assistance for upgrading the existing transportation network editing and management system (COGTOOLS). The project will focus on making the existing application compliant with ArcGIS 10. (It is currently operable using ArcGIS Version 9.3). The RFP was issued on February 10.

B. GIS Technical Support

Staff continued to monitor and manage the operational performance of the ArcGIS server and installed several ArcGIS software updates and patches on user machines.

Staff installed and configured ArcGIS Server10.2.1 on the main GIS server and ported all Regional Transportation Data Clearinghouse (RTDC) map services to this server. Additionally, staff configured ArcGIS Server software to enable TPB's GIS servers to support the web hosting spatial data and GIS mapping applications.

Staff continued work on the web map application for the CLRP project database.

Staff completed the extraction and organization of Q4 2013 NAVTEQ data received from our NAVTEQ data vendor. Staff also began to modify existing procedures and related documentation to streamline this process for future NAVTEQ dataset updates.

Staff prepared a map of TPB TAZ, Census Urbanized Area (UZA), and jurisdictional boundaries in the Fauquier County, VA area, for the February meeting of the TPB State Technical Working Group (STWG).

Staff responded to a GIS data request from the Washington Metropolitan Area Transit Authority (WMATA) for the 2013 COG Regional Activity Centers by TPB transportation analysis zone (TAZ).

A preliminary version of a DTP GIS user survey questionnaire was prepared.

Staff attended the February 20th meeting of Chief Information Officers (CIO) Committee.

Staff planned and participated in the February 26th National Capital Region Geospatial Data Exchange (NCR GDX) Governance meeting. Governance Committee members met with staff from the National Information Sharing Consortium to discuss joint opportunities to enable greater sharing of geospatial data within the region. Additionally, the technology for refreshing the NCR GDX was demonstrated.

The new DTP staff member hired to fill the GIS Analyst replacement position advertised in October, 2013 began work.

C. Models Development

In anticipation of the upcoming air quality analysis cycle, staff has begun a review of inputs to the regional travel demand model. Staff completed and documented the update of the historical CPI tables that are used to deflate current-year transportation costs to constant-year dollars. Staff has also documented a list of minor updates to the travel model application that will be implemented in upcoming modeling work.

Staff completed internal documentation of the 2012 Metrorail on-board survey file which will be used in future model calibration work.

Staff met with AECOM via teleconference on February 26 to discuss PT transit network coding questions and to formulate agreement on remaining project deliverables for the balance of the fiscal year. AECOM is currently on retainer for assisting staff in the implementation of several modeling improvements.

TPB staff responded to eight technical data requests during February. Some of the data requests supported project work being undertaken by DDOT and in Prince George's County.

Staff participated in the review of project work being undertaken in Northern Virginia. On February 4, staff attended a status meeting of VDOT's Project Rating Study which is well underway. Some of the data supporting that effort has been provided by TPB staff. Staff also attended a status meeting for VDOT's Potomac River Crossing Study on February 20. Staff spent some time cross-checking the observed data collected against available observed and modeled information for reasonability.

On February 20, some staff members attended a TMIP webinar about the use of an activity based travel model in the San Francisco Bay Area.

D. Software Support

In preparation for the upcoming air quality conformity cycle, staff assessed server file storage, and worked on directory structure, MOVES run-spec creation and batch setup issues.

5. **TRAVEL MONITORING**

A. Cordon Counts

Staff began finalizing the Cordon Count report. Staff continued revising the work plan for the spring regional HOV monitoring to be performed under this work item.

B. Congestion Monitoring and Analysis

Staff worked with the contracts manager and released the request for proposal (RFP) for the spring 2014 freeway congestion monitoring program during the second week of February and deadline for proposals was set at March 6, 2014. The MOITS Technical Subcommittee will be briefed on the status of freeway congestion monitoring program schedule during the March meeting.

Staff started revising the relevant sections of the FY 2014 congestion management process technical report and the MOITS Technical subcommittee will be briefed on the subject during the March meeting.

C. Travel Surveys and Analysis Household Travel Survey (HTS)

Staff continued work on the preparation of the RFP for the FY 2014 Geographically-Focused Household Travel Surveys (HTS).

Staff prepared a memorandum documenting the processing and checking of jurisdiction-level population, group quarter, household, and worker data from the 2006-2010 Census Transportation Planning Product (CTPP) for TPB modeled area jurisdictions. Staff also began development of computer programs to process CTPP household income, vehicle availability and household size data.

Staff began researching ways to enable more useful comparisons of multi-year 2006-2010 CTPP data with 2010 Census and 2010 Cooperative Forecasting base year estimates.

D. Regional Transportation Data Clearinghouse (RTDC)

Staff continued to review and analyze the traffic count and classification data obtained from regional Automatic Traffic Recorders (ATRs) from 2007 through 2013.

Staff continued preparation of the 2014 regional transit network for inclusion in the RDTC.

Staff obtained and processed transit ridership data from DASH and VRE for inclusion in the RDTC.

Staff obtained HPMS traffic volume data from West Virginia DOT.

Staff responded to a RDTC data request from WMATA for historic MARC train line ridership data.

Staff responded to a request for login credentials to the RTDC from a consultant (Cambridge Systematics) in support of a project the firm is working on for Fairfax County.

6. TECHNICAL ASSISTANCE

A. DISTRICT OF COLUMBIA

1. Program Development, Data Requests & Miscellaneous Services

No work activity during the reporting period.

2. Traffic Counts and HPMS Support

Staff prepared the draft agenda for the February HPMS Coordinating Committee meeting, participated in this meeting and drafted the meeting summary for this meeting.

Staff processed Traffic.com continuous traffic counts collected on DDOT Interstate and freeway sections in January 2014 and reviewed these counts with the HPMS Coordinating Committee. Staff also processed and reviewed with the HPMS Committee the traffic count data collected in January at newly operational DDOT permanent count stations.

Staff presented annual growth, month, day-of-week and seasonal factors for development of HPMS 2013 Annual Average Daily Traffic (AADT) volumes to the HPMS Committee for their review.

Staff developed and presented to the HPMS Committee a summary of all short-term counts collected in 2013.

Staff continued work on the schedule and work plan to implement the CY2014 HPMS traffic counting program.

Staff downloaded and summarized I-295 WIM station data from the FHWA TMAS 2.0 in response to a DDOT request for this WIM data.

Staff prepared maps of HPMS sections that modified and updated by the HPMS Committee.

3. Bicycle Counts

No work activity during the reporting period.

4. Weigh In Motion (WIM) Station Analysis

No work activity during the reporting period.

5. Peak Period Street Restrictions Inventory

No work activity during the reporting period.

B. MARYLAND

1. Program Development /Management

An inventory of on-going activities, active projects and deliverables was taken in preparation for a program coordination meeting (February 13) with MD SHA and MDOT to assess the current status of the program, anticipated work activities for the remainder of FY2014 and looking ahead to FY2015. The technical and budgetary inputs were subsequently incorporated into preliminary revisions of the FY2014 technical assistance program, which continued into March.

2. Project Planning Studies

No work activity during the reporting period.

3. Feasibility/Special Studies

Staff continued work on the Veirs Mill Road and Georgia Avenue studies by developing supporting documentation for the work that has been done thus far, and by submitting a draft technical report to MD SHA.

4. Transportation Performance Measures

No work activity during the reporting period.

5. Training/Miscellaneous Technical Support

Staff started reviewing the recently released version of the Maryland Statewide Model upon request from MD SHA.

6. Statewide Transportation Model Support

No work activity during the reporting period.

7. Transportation / Land Use Connections Program (TLC)

As part of the Transportation/Land-Use Connections Program (1.H. above), four technical assistance projects in Maryland are being fully or partially funded under this PE number. See 1.H. above for further details about the TLC Program.

8. Human Services Transportation Study/ Follow-on and Support

No work activity during the reporting period.

9. Other Tasks Yet to Be Defined

No work activity during the reporting period.

C. VIRGINIA

1. Data/Documentation Processing

Staff prepared materials on the FY15 Technical Assistance Program and FY14 carryover, for VDOT review and discussion

2. Travel Monitoring and Survey

Staff continued work on the Fall 2013 travel monitoring technical memorandum.

3. Travel Demand Modeling

Staff reviewed materials for and attended conference calls on the Potomac River Crossing Data Development study and the NoVa Project Rating study model validation.

4. Regional and Sub-Regional Studies

Staff with OAS staff entered contract negotiations with the firm selected to conduct the Bus Staging Study.

5. Other Tasks Yet to be Defined

No work activity during the reporting period.

D. **WMATA**

1. Program Development

The program manager reviewed the status of the projects in the technical assistance program.

2. Miscellaneous Services

No work activity during the reporting period.

3. 2014 Metrobus Passenger on-Board Survey

The 2014 Metrobus Survey pre-test was conducted between February 18th and 24th and 46 of the 50 bus trips selected for this survey pre-test were successfully completed. An overall bus passenger survey response rate of 14% was achieved on these surveyed trips. A written summary of the pre-test results was also prepared by the consultant and submitted to COG/TPB and WMATA.

The survey questionnaire and other survey materials were successfully tested in the survey pre-test and only a few minor refinements in these materials were recommended based on the results of this pre-test. COG/TPB and WMATA staff reviewed the final version of all survey materials and approved their printing for the main survey.

The review of the on-line web versions of the survey questionnaire in English, Spanish, Vietnamese, simple Chinese, Korean, French and Amharic by WMATA staff was completed and the programming of the final on-line web versions of survey questionnaire in these languages was begun. Additionally, a few other modifications of the structure of the on-line web versions of the survey questionnaire were made by the consultant in response to comments from the COG/WMATA project team.

The consultant project team continued further development and refinement of the tracking systems needed to track survey operations and survey responses for the main survey.

WMATA provided the consultant project team with a full bus schedule based upon the March pick and the consultant began revising the sample based on changes in the March pick. The consultant also began development of the full spring data collection schedule based on the final revised bus trip sample.

Development of the survey field operations plan was also begun by the consultant. Draft survey interviewer instructions were submitted to COG/WMATA for review and approval. A location for the field staff

briefing was secured, and a memo identifying the date, times, and location of this briefing was prepared and submitted to COG/WMATA.

7. CONTINUOUS AIRPORT SYSTEM PLANNING (CASP) PROGRAM

A. CASP 27

1. Ground Access Element Update

Staff continued changes to the draft report.

2. Update Ground Access Forecasts

Staff completed a major update of the CASP web pages.

3. 2013 Air Passenger Survey (Phase 1)

Staff began preparing the data tables, charts, and narrative for the General Findings Report.

8. SERVICES/SPECIAL PROJECTS

No work activity during the reporting period.

**FY 2014 TRANSPORTATION PLANNING BOARD
COG/TPB BUDGET EXPENDITURE SUMMARY**
February 28, 2014

	BUDGET TOTAL	FUNDS EXPENDED	% FUNDS EXPENDED
1. PLAN SUPPORT			
A. Unified Planning Work Program (UPWP)	72,800.00	25,130.48	35%
B. Transportation Improvement Program (TIP)	247,800.00	116,768.03	47%
C. Constrained Long-Range Plan	606,100.00	249,649.20	41%
D. Financial Plan	94,900.00	58,586.70	62%
E. Public Participation	434,700.00	289,202.07	67%
F. Private Enterprise Participation	18,800.00	2,195.50	12%
G. Annual Report	82,500.00	40,659.99	49%
H. Transportation / Land Use Connection Program	430,300.00	77,251.94	18%
I. DTP Management	464,200.00	259,546.44	56%
SUBTOTAL	2,452,100.00	1,118,990.35	46%
2. COORDINATION PLANNING			
A. Congestion Management Process (CMP)	211,000.00	80,221.24	38%
B. Management, Operations & ITS Planning	350,500.00	190,169.46	54%
C. Emergency Preparedness Planning	77,600.00	23,878.72	31%
D. Transportation Safety Planning	128,800.00	60,690.45	47%
E. Bicycle and Pedestrian Program	125,000.00	89,842.03	72%
F. Regional Bus Planning	160,043.00	62,345.46	39%
G. Human Service Transportation Coordination Planning	141,200.00	70,289.10	50%
H. Freight Planning	154,500.00	45,296.99	29%
I. MATOC Program Planning & Support	123,600.00	64,033.08	52%
SUBTOTAL	1,472,243.00	686,766.53	47%
3. FORECASTING APPLICATIONS			
A. Air Quality Conformity	584,600.00	468,924.32	80%
B. Mobile Emissions Analysis	707,200.00	452,103.10	64%
C. Regional Studies	531,800.00	398,836.13	75%
D. Coord. Cooperative Forecasting & Trans Planning	831,000.00	450,796.90	54%
SUBTOTAL	2,654,600.00	1,770,660.45	67%
4. DEVELOPMENT OF NETWORKS AND MODELS			
A. Networks Development	792,800.00	397,591.85	50%
B. GIS Technical Support	668,300.00	296,248.59	44%
C. Models Development	1,103,400.00	546,533.30	50%
D. Software Support	184,300.00	112,381.18	61%
SUBTOTAL	2,748,800.00	1,352,754.92	49%
5. TRAVEL MONITORING			
A. Cordon Counts	258,400.00	124,197.63	48%
B. Congestion Monitoring and Analysis	453,200.00	161,056.29	36%
C. Travel Survey and Analysis			
Household Travel Survey	1,170,400.00	116,354.77	10%
D. Regional Transportation Clearinghouse	327,400.00	121,186.52	37%
SUBTOTAL	2,209,400.00	522,795.21	24%
SUBTOTAL CORE PROGRAM ITEMS 1-5	11,537,143.00	5,451,967.45	47%
6. TECHNICAL ASSISTANCE			
A. District of Columbia	360,433.00	142,859.40	40%
B. Maryland	946,024.00	198,924.59	21%
C. Virginia	802,690.00	251,824.28	31%
D. WMATA	222,895.00	56,881.24	26%
SUBTOTAL	2,332,042.00	650,489.53	28%
TPB GRAND TOTAL	13,869,185.00	6,102,456.96	44%

**FY 2014 TRANSPORTATION PLANNING BOARD
FINANCIAL STATUS OF TECHNICAL ASSISTANCE**

February 28, 2014
SUPPLEMENT 1

	TOTAL		FTA/STA/LOC		FTA		PL FUNDS/LOC		FHWA	
	AUTHORIZED	TOTAL	AUTHORIZED	BUDGET	EXPENDITURES	EXPENDITURES	BUDGET	EXPENDITURES	BUDGET	EXPENDITURES
A. District of Columbia										
1. Program Development, Data Requests & Misc. Services	10,000	0.00	206		0		9,794		0.00	0.00
2. Traffic Counts & Highway Performance Mgmt System	235,000	142,251.80	4,830		2,924		230,170		139,327.78	139,327.78
3. Bicycle Counts	17,600	607.60	362		12		17,238		595.11	595.11
4. Weigh In Motion Station Counts	20,000	0.00	411		0		19,589		0.00	0.00
5. Peak Period Street Restrictions Study	20,000	0.00	411		0		19,589		0.00	0.00
6. Outdoor Sign Inventory Update	57,833	0.00	1,189		0		56,644		0.00	0.00
7. NOT IN USE	0	0.00	0		0		0		0.00	0.00
SUBTOTAL	360,433	142,859.40	7,409		2,937		353,024		139,922.89	139,922.89
B. Maryland										
1. Program Development/Management	30,000	6,754.69	617		139		29,383		6,615.84	6,615.84
2. Project Planning Studies	180,000	97,726.27	3,700		2,009		176,300		95,717.48	95,717.48
3. Feasibility/Specials Studies	308,000	59,170.99	6,331		1,216		301,669		57,954.72	57,954.72
4. Transportation Performance Measures	168,000	9,905.04	3,453		204		164,547		9,701.44	9,701.44
5. Training/Technical Support	30,000	0.00	617		0		29,383		0.00	0.00
6. Statewide Transportation Model Support	0	0.00	0		0		0		0.00	0.00
7. Transportation/Land Use Connections Program	160,000	25,367.60	3,289		521		156,711		24,846.16	24,846.16
8. Human Services Transportation Study	40,000	0.00	822		0		39,178		0.00	0.00
9. Other Tasks to be defined	30,024	0.00	617		0		29,407		0.00	0.00
SUBTOTAL	946,024	198,924.59	19,446		4,089		926,578		194,835.65	194,835.65
C. Virginia										
1. Data/Documentation processing	15,000	4,209.87	308		87		14,692		4,123.33	4,123.33
2. Travel Monitoring Survey	150,000	139,990.47	3,083		2,878		146,917		137,112.93	137,112.93
3. Travel Demand Modeling	50,000	13,506.80	1,028		278		48,972		13,229.16	13,229.16
4. Regional and Sub-Regional Studies	552,718	94,117.15	11,361		1,935		541,357		92,182.55	92,182.55
5. Other Tasks to be Defined	34,972	0.00	719		0		34,253		0.00	0.00
6. NOT IN USE	0	0.00	0		0		0		0.00	0.00
7. NOT IN USE	0	0.00	0		0		0		0.00	0.00
8. NOT IN USE	0	0.00	0		0		0		0.00	0.00
SUBTOTAL	802,690	251,824.28	16,499		5,176		786,191		246,647.97	246,647.97
D. WMATA										
1. Program Development	5,000	569.95	5,000		570		0		0.00	0.00
2. Miscellaneous Services	5,000	0.00	5,000		0		0		0.00	0.00
3. Bus Passenger Counts 2013	191,200	56,311.29	191,200		56,311		0		0.00	0.00
4.	0	0.00	0		0		0		0.00	0.00
5.	21,695	0.00	21,695		0		0		0.00	0.00
SUBTOTAL	222,895	56,881.24	222,895		56,881		0.00		0.00	0.00
GRAND TOTAL	2,332,044	650,489.51	266,249		69,083		2,065,793		581,406.51	581,406.51